

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claim 1 (previously presented): A device for forming an image on a printing plate, comprising:

at least one semiconductor laser being supplied with a current using DC and AC components, being operated in multimode, being mode coupled and emitting laser radiation having ultra-short pulses with a duration of less than 1 ns; and

an optical system for forming an image of the radiation from the laser on the printing plate.

Claims 2-4 (cancelled).

Claim 5 (original): The device for forming an image on a printing plate according to claim 1, wherein said one laser is an individual diode laser for generating the laser radiation.

Claim 6 (original): The device for forming an image on a printing plate according to claim 1, wherein said at least one

laser is a diode laser array for generating the laser radiation.

Claim 7 (original): The device for forming an image on a printing plate according to claim 6, wherein said diode laser array comprises individually drivable single-strip diode lasers.

Claim 8 (currently amended): The device for forming an image on a printing plate according to claim 1, further including a control arrangement for temperature regulation of the laser.

Claim 9 (original): The device for forming an image on a printing plate according to claim 1, wherein said optical system for forming an image of the radiation on the printing plate has reflective elements.

Claim 10 (original): The device for forming an image on a printing plate according to claim 1, wherein said optical system has micro-optical elements.

Claim 11 (previously presented): The device for forming an image on a printing plate according to claim 1, wherein said dc-component is able to be modulated.

Claim 12 (previously presented): A printing unit, having at least one device for forming an image on a printing plate, comprising:

at least one semiconductor laser being supplied with a current using DC and AC components, being operated in multimode, being mode coupled and emitting laser radiation having ultra-short pulses with a duration of less than 1 ns; and

an optical system for forming an image of the radiation from the laser on the printing plate.

Claim 13 (previously presented): A printing machine having at least one printing unit, comprising:

at least one semiconductor laser being supplied with a current using DC and AC components, being operated in multimode, being mode coupled and emitting laser radiation having ultra-short pulses with a duration of less than 1 ns; and

an optical system for forming an image of the radiation from the laser on the printing plate.